

### ABSTRACT

In accordance with the invention, the volatility of a solder plating bath with volatile brighteners such as aldehydes has its volatility reduced by the addition of diols to the bath. The diols to the bath. The diols are advantageously 1, 3 propanediol or 1,2 propanediol and are accompanied by lower molecular weight alcohols. In a preferred embodiment, a diol along with low alcohol is added to a bath comprising sulfonic acid, surfactant, grain refiner and brightening agents comprising an aromatic aldehyde and a carboxylic acid.